

No. 1st & Final AS

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

YNK-DER No. 20
Date 12.10.17

Location: BBMP / YNK

Sub-Division: Yelahanka Sub - Division.

Bill Received No. Dated Divisional Cash Book Voucher No. Dated

Schedule Docket No. Head of Account: P-3089 Sub Divisional Work Code: 001-17-000037
Est. Cost: 40.00 Lakhs B.R.No.:
Name of Work : Improvements roads and drains atvenkata 3rd cross, 5th cross, 6th cross and
remaining cross roads in ward no-01 of yelahanka Sub division.

Name of Contractor and Full Address: Technical Manager (West) KRIDL, BBMP, Bangalore.

Reference to Agreement No. EE/YNK.D/ W.O/ 11/2017-18.

Date: 6-9-2017.

Certified that the measurements were taken by me on 04.10.17 and recorded of Pages 213745 to 213761
measurement Book No. 2138 and that the work is satisfactorily executed.

Assistant Executive Engineer

Byataravanapura Sub-division

KRIDL, BBMP, Bangalore

Officer-in-charge of work

Certified that the measurements were taken by me on 4/11/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher		
No. Dated S.D. No.	Amount	
adjusted towards cash advance recovery of		
b) Payments } cost store or other material supplied.		
Now made } recovery of amount creditable to this/other work		
Amount paid on this bill Cheque / Cash.		
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No.		
dated less adjustments.		
7) Net amount due to or from Contractor		
unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

1. **Assistant Executive Engineer**

Byataravanapura Sub-division

KRIDL, BBMP, Bangalore

Paid by Dated

Cash Rs.

Dated

Initials of Officer making payment

Stamp

Added & Admitted for Rs. 3949705=00

3503267=00

446438=00

Executive Engineer

sl no	Description of work	
1	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3).	Sqm
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum
3	KSRRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6, with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum
4	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc. complete excluding cost of steel as per MORTH specification No 1500,1700,2200	Cum
5	KSRRB 4 9 2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4 6 3 for TMT Bars Fe500	Tonne
6	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc. complete as per the direction of engineer in charge-	Sqm
7	Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc. complete as per the direction of engineer in charge-	Sqm
8	KSRRB M300-14. Excavation for roadwork in all type of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum
9	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method Close graded granular sub-base material as per 400-1 For Grading- II Material	Cum
10	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum.
11	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502	sqm
12	KSRRB 500-7. Providing and applying tack coat using 80/100 grade Bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	sqm
13	KSRRB M500- 17. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and filler, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Table-500-10 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Specification No.507	Cum.
14	KSRRB M500- 19. Providing, laying bituminous concrete using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and filler, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Table-500.9 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.509	Cum.
15	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 4kms.	
16	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	sqm

Certificates:

- 1 The above work is done satisfactorily.
- 2 There is no department Material issue for the above work.
- 3 This work comes under BBMP Limit

TOTAL

Previous Measurement		Present Measurement			Total up-to date		Remarks
	cost	Qty	Rate	Cost	Qty	cost	
-	-	138.31 ✓	80.56 ✓	11142.00 ✓	138.31 ✓	11142.00 ✓	
-	-	368.70 ✓	86.92 ✓	32049.00 ✓ 32025 ✓	368.70 ✓	32049.00 ✓ 32025 ✓	
-	-	33.62 ✓ 33.64	5348.76 ✓	179858 ✓ 179932.00	33.62 ✓ 33.64	179858 ✓ 179932.00	
-	-	80.98 ✓	11032.48 ✓	893410.00 ✓	80.98 ✓	893410.00 ✓	
-	-	4.46 ✓	74915.50 ✓	334123.00 ✓	4.46 ✓	334123.00 ✓	
-	-	221.62 ✓	1757.00 ✓	389386.00 ✓	221.62 ✓	389386.00 ✓	
-	-	18.00 ✓	4725.00 ✓	85050.00 ✓	18.00 ✓	85050.00 ✓	
-	-	550.94 ✓	48.76 ✓	26864.00 ✓	550.94 ✓	26864.00 ✓	
-	-	183.65 ✓	1665.26 ✓	305825.00 ✓	183.65 ✓	305825.00 ✓	
-	-	275.47 ✓	1768.08 ✓	487053.00 ✓	275.47 ✓	487053.00 ✓	
-	-	1224.30 ✓	29.68 ✓	36337.00 ✓	1224.30 ✓	36337.00 ✓	
-	-	1224.30 ✓	12.72 ✓	15573.00 ✓	1224.30 ✓	15573.00 ✓	
-	-	61.22 ✓	7036.28 ✓	430761.00 ✓	61.22 ✓	430761.00 ✓	
-	-	36.73 ✓	8013.60 ✓	294340.00 ✓	36.73 ✓	294340.00 ✓	
-	-	919.66 ✓	80.80 ✓	74309.00 ✓	919.66 ✓	74309.00 ✓	
-	-	50.72 ✓	542.72 ✓	27527.00 ✓	50.72 ✓	27527.00 ✓	
				3623825.00 ✓	3623583 ✓	3623825.00 ✓	
9% KRIDL service charge				326144.25	326122 ✓	326144.25	
Cost of Plastic @ 8% of bitumen				11186.18		11186.18	
9% KRIDL service charge				3961155.00	3949705.00 ✓	3961155.00	

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